



GEOSCIENCE  
INFORMATION  
SOCIETY

# newsletter

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### PRESIDENT'S COLUMN

Should the record of scientific research be controlled by publishers? This is the hotly debated question that has prompted an e-debate for the journals *Nature* and *Science* and has publishers worried about their future. An electronic open letter has been circulating since last fall urging publishers to make their journals freely available via open public archives after the issue is six-months old. The group responsible for this letter, the Public Library of Science, is asking scientists to hop on the bandwagon and sign the letter threatening a boycott of journals that don't agree to their demands. The boycott is set to begin in September 2001 and at last count more than 23,000 scientists had signed on. The majority of the scientists involved are in the biomedical field.

It's not surprising that the response from publishers has been lukewarm. Many publishers, both commercial and society, argue that they are dependent on subscription revenue and that any situation that changes the current market might jeopardize the quality and quantity of scientific publishing. If subscriptions decline, who will pay for publishing research papers? One suggestion is to increase the charges to authors. Another suggestion is to ask the libraries that no longer subscribe to provide support to the authors in their home institutions. Other scenarios include the possibility that all but the most current cutting-edge journals would disappear as subscriptions vanish; scientists will publish their own papers in wholly electronic journals without the benefits of the peer-review system and editorial systems; and/or centralized systems would hold archival copies of publications but allow publishers to retain control for a longer period of time.

How will this affect geoscience librarians? Most of the librarians that I have talked to think the Public Library of Science is a pleasant dream, but not very realistic. After all, everything comes at a price. The public archive that the PLoS envisions would have to be stored, maintained and managed by someone. Does anyone really believe that government agencies would willingly take on this task? PubMed Central is being pointed to as an example of how this public library might work, but we shouldn't forget that government funding for medicine is one thing and for science, quite another. Whatever the outcome, it's going to be an interesting summer.

Want to know more? Check out  
[www.publiclibraryofscience.org](http://www.publiclibraryofscience.org)

### VICE PRESIDENT'S COLUMN

Coming to Boston in November? How about giving a talk or presenting a poster at "Geoscience Information: a Dynamic Odyssey," the GIS Topical Session at the Annual Meeting? Several topics are welcome. For example, do you serve the same type of users but in quite different ways from the early 1990s? Does your experience show how the role of the geoscience information professional has changed along with changes in the communication process? Has the move of journals, maps, and data to the Web made the information-seeking process easier in some ways but not others? What are the collection issues in an electronic environment and how do solutions of a few years ago stand up? What are the test projects that expand the boundaries of creating, collecting, storing, accessing, and preserving geoscience information? Do you make decisions in different ways? Do you measure performance and use differently? Do you have new tools that make the measurement process easier? Think about it and, if you like, contact me with your ideas. Just remember that we're on an odyssey and it's useful to stop for a rest once in a while and see what we've left behind and what challenges lie ahead.

And now for more immediate concerns. You should have received the first announcement for the Annual Meeting. The second announcement should be coming to you

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The GIS Newsletter is published bi-monthly in February, April, June, August, October, and December by the Geoscience Information Society. Subscription is free to GIS members. The annual non-member subscription rate is \$40 to the U.S. and Canada, and \$45 (by airmail) to other countries. All correspondence regarding dues, membership status, and address changes should be directed to the GIS secretary.

GIS members are encouraged to contribute materials for publication. Material for the August issue should be received no later than July 27, 2001. If possible, please send materials by e-mail or on DOS-compatible disc.

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after this Newsletter issue. You can also find the announcements in the Boston meeting section of the GSA Web site (<http://www.geosociety.org/meetings/2001/index.htm>). A link for abstract submission is there as well. The deadline for online abstract submission is July 24. Paper abstracts are due on July 17. Our Topical Session is T72.

The two main hotels for the conference are the Sheraton Boston, next to the Hynes Convention Center, and the Boston Park Plaza Hotel, which is near the Public Garden. Meeting room assignments will not occur until after late July.

Please contact me if you have questions about the Annual Meeting arrangements or Boston.

And now for our Boston anecdote: Boston transportation is rather complicated. Logan Airport is undergoing reconstruction, and it is one of the harder airports to access. However, it's close to downtown and the Back Bay, where the Annual Meeting will be held. The MBTA (or the T) is the local public transit agency. It operates 4 major subway

lines, which are identified by colors. The Blue Line (which goes by the ocean) connects the airport and downtown. The Green Line runs from central Boston to the leafy suburbs via Back Bay. The Red Line goes to Harvard, whose color is crimson, and MIT. The Orange Line has subway cars that remind me of egg cartons. A fifth line is under construction. It's called the Silver Line, probably for real estate speculation.

The train system is quite extensive, should you want to go to Providence, Rockport and Cape Ann, Plymouth, Worcester, or even Fitchburg. If you're adventurous, you can try out the new Acela Express to New York City. Boston pedestrians, drivers, and cyclists relive the American Revolution every day. If you wait long enough at some corners, you might see another Boston Massacre. The streets themselves can only be driven if you have already driven them, because a sign committee is unknown in these parts. A former GIS president and I tried to return a rental car to Logan the last time GSA was in Boston, and we drove in three circles over and around the Charles River before we could aim for the tunnels. I hope to be a better guide this time.

## GIS REPRESENTATIVE REPORTS

### Cartographic Users Advisory Council

The Cartographic Users Advisory Council (CUAC) Annual Meeting was held April 17-18, 2001, in the Conference Room of the Geography and Map Division at the Library of Congress in Washington, D.C. The dates of the meeting were changed to offer members the opportunity to attend the International Map Trade Association (IMTA) Meeting. Presentations by CUAC members and representatives from federal agencies were given on April 18th. The minutes from the presentations are being reviewed now and will be distributed by the CUAC representatives to members of their respective organizations.

On the previous day (April 17th), the business meeting was held from 1:00-4:00 p.m. At the meeting, John Hebert, Chief of LC G&M Division, welcomed the group. In his remarks, he emphasized our mutual interest in the acquisition and distribution of cartographic products as information sources. He also mentioned the increasing difficulty of assuring that maps produced by the government are deposited in library collections as mandated by law. Other highlights of the business meeting are:

#### *Report of Year's Activities:*

--National Commission on Libraries and Information Science (NCLIS): A letter from CUAC was sent to Dr. Horton of NCLIS, commenting on the proposed Public Information Resources Reform Act of 2000 which addressed issues and concerns relating to proposed aspects of changing the Federal Library Depository program. CUAC representatives have a copy of the letter.

-- IMTA Meeting: CUAC members attended IMTA meeting in an effort to increase cooperation within the cartographic community. Information about CUAC was included in the IMTA program brochure.

--Webpage Development: A webpage for CUAC is being developed.

--Federal Geographic Data Committee: CUAC contacted John Moeller of FGDC in an effort to actively pursue getting organizations with similar goals together.

--Agency Assignments to CUAC: GIS Representatives Rich Spohn (USGS) and Clara McLeod (NRCS)

#### *Other Issues Discussed:*

--USGS budget cuts: Should we be encouraging our constituents to write letters to the appropriations committee in support of current funding levels?

-- GPO draft specifications for workstations: Specifications for workstations were reviewed and submitted to the GPO Depository Council.

#### *Actions Taken:*

Motions were passed for the following actions:

--To invite the Library of Congress Map and Geography Division to become a member of CUAC.

--To invite NEMO to become a member of CUAC.

--For CUAC to become a member of the Federal Geographic Data Committee.

Next meeting: May 2-3, 2002. Hosting agency to be decided

Respectfully submitted,

Clara P. McLeod, CUAC Chair, GIS Representative  
Richard Spohn, GIS Representative

### GeoRef Advisory Board

The GeoRef Advisory Board spring meeting was held at the American Geological Institute (AGI) headquarters in Alexandria, VA May 18, 2001. Charlotte Derksen continues to chair the committee. Members include Dennis Trombatore (University of Texas, Austin), John Steinmetz (Indiana State Geological Survey, representing state geologists), Harvey Cohen (Papadapulos and Associates, representing environmental consultants), and Suzanne Larsen (University of Colorado, Boulder). A representative from USGS and one from the petroleum industry are under consideration.

Sharon Tahirkheli, director of GeoRef, announced that financially, GeoRef had a good year in 2000. While the print subscriptions continue to decline, royalties for the online version increased. The print version is still profitable and will be supported as long as it continues to be in the black. Additional revenue from grants also contributed to the positive financial picture.

Document delivery has attracted more users but the volume was down from the previous year. AGI printed and distributed flyers publicizing the service. It continues to be the best way to get difficult to find items, especially from China.

Plans are being made to provide more links within the database directly to Web-based documents. Much of the discussion at the meeting revolved around a vision for the future development of the database. This will most certainly include the ability to connect to full text documents in a seamless way.

Feasibility of providing access to GeoRef and/or the Groundwater and Soil Contamination Database to smaller companies or individuals was discussed. Currently only Community of Science supports this.

The next meeting will be in November at the GSA annual meeting.

Respectfully submitted,

Suzanne T. Larsen, GIS Representative

### Geological Society of America Publications Committee

The Geological Society of America Publications Committee met February 23 and 24, 2001 in Boulder. Here are a few highlights of those discussions of particular interest to GIS members.

The publication delays for the Bulletin have been significantly reduced and are now only about six months from acceptance to publication. Press releases about newsworthy articles has been successful and will be continued.

They are finding their way through electronic publishing. They recognize they need to amend their policy on site licenses for institutional subscribers. They still consider CD-ROM to be a suitable publication medium despite our continued protests. They are investigating producing oversize maps as digital files rather than paper copies.

The 15% discount for institutions that subscribed to both the Bulletin and Geology will be discontinued.

There was quite a mix-up about the preparation and distribution of the guidebooks for the Boston meeting. Those will be done by the local organizers instead of by the GSA guidebooks committee.

The next meeting will be in November at the GSA annual meeting.

Respectfully submitted,

Connie J. Manson, GIS Representative

### GIS COMMITTEE REPORT

#### GIS Best Paper Award

Committee members have been sent materials outlining the committee's work and a proposed timeline for completing all tasks. Each member is responsible for searching several specific databases or other sources to identify papers for consideration. The chair has placed a call for additional nominations on the GEONET listserv, and will place a final notice in the next issue of the GIS Newsletter. In May we plan to begin evaluating papers nominated by the committee. Nominations will be accepted until June 20. However, we hope to have the bulk of the papers rated by that time.

Respectfully submitted,

Thelma Thompson, Chair

#### Last Chance to Nominate Papers for the Best Paper Award

The Geoscience Information Society presents an annual award for the best paper in geoscience information. The Best Paper Award Committee welcomes your nominations.

Papers published during 2000 will be considered based on the following criteria: significance, originality, scholarship, effectiveness of communication, and demonstration of professional knowledge.

Committee members have begun evaluation of papers. However, additional papers may be nominated until June 20.

Please submit nominations to:

GIS Best Paper Award Committee

Thelma B. Thompson, Chair

Government Documents Librarian

Dimond Library

University of New Hampshire

Durham, NH 03824-3592

(603) 862-1132 Fax: (603) 862-3403

thelmat@cisunix.unh.edu

## LITERATURE REVIEWS

by  
Carol J. La Russa

An article titled "10 Reasons Why the Internet Is No Substitute for a Library" is included in the April 2001 issue of *American Libraries*. In it Mark Y. Herring gives the following reasons why libraries are still necessary: not everything is on the Internet; the Web is incompletely indexed; there is no quality control; there are gaps in coverage; the vast majority of printed books are not available on the Internet; e-book readers cause headaches and eyestrain and are likely to remain expensive; universities have tried and failed to establish library-less campuses; the cost of digitizing a medium-sized library is astronomical; there is a lack of older materials (older than fifteen years) on the Web; and in spite of the Web, people still prefer books for sustained reading (v. 32, no. 4, p. 76-78).

The theme of the spring 2001 issue of *Issues in Science and Technology Librarianship* is Collection Development in the Internet Age. It contains articles on collection development statements, developing online journal collections, the results of a preliminary study on the impact of e-journal bundling on academic libraries, multi-disciplinary databases, managing access to a publisher package of journals and proceedings (IEE, IEL, and Xplore), and a description of the University of California's research project which will compare use of journals that are both in digital and paper formats using different UC campuses as experimental and control groups ([www.isl.org](http://www.isl.org)).

Michael Gorman has published an article titled "Technostress and Library Values" in the April 15, 2001 issue of *Library Journal*. He discusses the problems of the information age: information overload, lack of reliability, the shaky future of valuable resources like newspapers that are a by product of the print industry, and archival issues. He next looks at the role of technology in libraries. In the past it was only used as a tool to improve library services but now he believes digitization may sometimes be occurring more for its own sake than for the benefits it can provide. For libraries to effectively use technology they should remain mindful of core library values of democracy, stewardship, service, intellectual freedom, commitment to literacy and learning, rationalism, equity of access, and building harmony and balance. (v. 127, no.7, p. 48-50).

Rita Vine has written an article for *Information Outlook* which describes how to develop course content that will teach non-librarians to use web search engines without overwhelming them. ("Real People Don't Do Boolean: How to Teach End Users to Find High-Quality Information on the Internet," v. 5, no. 3, March 2001, p. 16-23).

R.W. Bivens-Tatum expresses his fears about web-only bibliographies for printed books in his article in *College & Research Libraries News*. Given the scholarly importance of bibliographies, are there adequate mechanisms to ensure

that they will be preserved over the long term? ("Print Book Bibliographies on the Web: Implications for Academic Libraries," v. 62, no. 3, March 2001, p. 308-209).

Kathleen Bory and Lee Van Orsdel have compiled trends in the periodicals business in their *Library Journal* article titled "Searching for Serials Utopia" which is also this year's periodical price survey. The "Big Five" academic publishers (Academic, Elsevier, Kluwer, Springer, and Wiley), many large societies and university presses, and some medium-sized publishers now have all their major science journals online. Some academic libraries now want online-only subscriptions but not all publishers will cooperate for a variety of reasons. Libraries are still concerned about archival issues for online journals. The Library of Congress is getting involved through agreements with publishers to exchange LC's archival access services for access to publisher content. Linking of library resources from a variety of online sources using a SFX server via the OpenURL standard was beta tested this year (v. 126, no. 1, April 15, 2001, p. 53-58).

Susan Davis Herring describes the results of her survey of faculty about their opinions about the Web as a research source. Not surprisingly faculty members recognize that although there is good material on the Web, some information is of questionable accuracy and reliability and may not provide enough depth. Science faculty are generally more positive than social sciences/humanities faculty about the accuracy of information on the Web about their subjects ("Using the World Wide Web for Research: Are Faculty Satisfied," *The Journal of Academic Librarianship*, v. 27, no. 3, May 2001, p. 213-219).

### **New Standard for Title Pages for Conference Publications**

The National Information Standards Organization, in cooperation with the American National Standards Institute, has published "Title Pages for Conference Publications" (ANSI/NISO Z39.82-2001).

This standard describes data elements that editors, publishers, and authors should use to create title pages or chief sources of information for conference publications in all subjects, languages, and formats. It will be very helpful in assuring the communication of conference information to interested readers. It's available at <http://www.techstreet.com/cgi-bin/pdf/free/283165/Z39-82.pdf>

## JOB ANNOUNCEMENTS

**GIS Services Librarian**, University of North Carolina at Chapel Hill, Reference Department

Available: July 1, 2001

Description: The Reference Department of the University of North Carolina at Chapel Hill seeks a highly qualified and experienced librarian to provide innovative and energetic leadership in the newly created position of GIS Services Librarian. The librarian will develop and implement GIS services and resources, working closely with students, faculty, and staff on campus.

Reporting directly to the Head of the Reference Department, the GIS Services Librarian will assist users with GIS projects and analyze users' spatial data needs and locate and deliver data in appropriate formats. The librarian will be responsible for collection development for GIS spatial data and the collection and development of metadata related to the library's holdings.

The GIS Services Librarian will serve on the Reference Department Data Team and will work together with the Electronic Documents/Data Librarian and other departmental and library staff to evaluate spatial and numeric data resources and services. The librarian will coordinate the library's GIS services with other campus GIS initiatives and cooperate with neighboring Triangle university GIS initiatives. The librarian will train library staff in the use of GIS and spatial data resources and will serve at the reference desk and work some nights and weekends.

The Reference Department of the Academic Affairs Library is responsible for providing reference service to the students, faculty, and staff of the University of North Carolina at Chapel Hill as well as providing the service to citizens of the State of North Carolina. Reference services cover humanities, social sciences, business and economics, and government information. The Library serves as a Regional Depository for federal information and also collects state documents, United Nations, and other international agency information and is responsible for the library's microform collection.

Qualifications: Required: ALA-accredited Masters Degree in Library Science or an advanced degree in Information Science. Work experience with or academic background in geospatial data and numeric data resources. Experience with geospatial processing software (ArcView, ArcInfo, MapInfo, ERDAS Imagine, ERMapper, Landview). Good understanding of/and experience with computer systems (DOS, UNIX, Windows NT). Ability to manage multiple projects and priorities effectively. Ability to work well with others in a team environment. Good teaching and communication skills and a strong commitment to public service.

Preferred: Work experience in an academic research library. Familiarity with current issues and technologies related to spatial data. Bachelor's degree or master's degree

in discipline with an emphasis on spatial data (Geography, Earth Science, Planning). Demonstrated ability to provide effective access to sources of cartographic and other spatial and geographic information sources.

The University and the Libraries: (<http://www.unc.edu/>)

The University of North Carolina at Chapel Hill is the country's oldest state university. UNC-CH has an enrollment of approximately 24,000 students, employs more than 2,200 faculty, offers the Ph.D. in 66 fields; and the Library collections include over 5 million volumes. The Library is a member of the (<http://arl.cni.org/>) Association of Research Libraries, the (<http://www.rcl.uchicago.edu/>) Center for Research Libraries, the (<http://www.trln.org/>) Triangle Research Libraries Network (TRLN) and (<http://www.solinet.net/>) SOLINET.

The (<http://triangle.citysearch.com/>) Triangle region is one of the most desirable places to live and work in North America and offers its residents a wide array of recreational, cultural and intellectual activities. The mountains and the seashore are each less than a half day's drive from Chapel Hill.

For more information on the (<http://www.unc.edu/>) University of North Carolina at Chapel Hill and our (<http://www.lib.unc.edu/>) Libraries, consult our website.

The University of North Carolina is an equal opportunity employer and is strongly committed to the diversity of our faculty and staff.

Salary and Benefits: This is a twelve-month academic librarian appointment with a minimum salary of \$40,000. Standard state benefits of annual leave, sick leave, and State or TIAA-CREF retirement plan. Librarians are members of the general faculty.

Deadline for Application: Review of applications will begin on April 30, 2001. Applications will be accepted until the position is filled.

To Apply: Send a letter of application, a resume and the names, addresses, and telephone numbers of three professional references to:

GIS Services Librarian  
Mari E. Marsh, Director of Library Personnel  
The University of North Carolina at Chapel Hill  
CB #3900, 206 Davis Library  
Chapel Hill, NC 27514-8890

**Geology and Digital Maps Librarian**, Indiana University Libraries, Bloomington

The Geology and Digital Maps Librarian is responsible for the leadership and overall management of the Geology Library, including planning, supervising, and evaluating the library's services, operations, and collections. Develops the Website, provides bibliographic instruction and reference services. Selects materials based on the needs of current and future constituents and develops external funding opportunit-

ities including grants, gifts and exchanges. Makes determinations about materials to transfer to off-site shelving. Promotes the Geology Library's resources to encourage their use and recognition. Participates in relevant professional associations. In consultation with specialists in the Digital Library Program and elsewhere on campus, coordinates the Libraries' involvement in the creation, acquisition, organization, delivery, and archiving of digital maps and other large scientific datasets. Coordinates the Libraries' involvement with other units on campus actively engaged in this enterprise, including faculty and students in geography, anthropology, political science, and at research centers (e.g., the NSF-funded project on global change), using GIS and remote sensing. The incumbent is expected to be conversant in GIS applications and to recommend the appropriate role for the Libraries on campus in the provision of software, hardware, and technical expertise to access and archive geospatial information. Together with the Geography/Maps Librarian, investigates and implements new ways to manage and provide services to repositories of printed and digital maps.

**Qualifications:** *Required:* ALA-accredited degree in library or information science with a university degree in a scientific discipline or equivalent combination of education and experience. Knowledge of scholarly information trends in the physical sciences. Ability to work independently and collegially in a complex, rapidly changing, and culturally diverse environment. Strong analytical and quantitative skills. Excellent oral, written, and graphic communication skills. Experience in managing library operations. Ability to meet the requirements of a tenure-track appointment.

*Preferred:* Second advanced degree in relevant subject area. Collection development experience in a scientific discipline. Experience with geospatial data management and metadata standards and practices. Preference will be given to candidates who are familiar with GIS software and have additional technology experience, including SGML/XML, skills in the uses and applications of database systems, programming languages and NT or UNIX operating systems, work with metadata and digital imaging.

**Salary and Benefits:** Salary and rank are negotiable and competitive dependent upon qualifications and experience. This is a tenure-track academic appointment that includes eligibility for sabbatical leaves. Benefits include a university health care plan, TIAA/CREF retirement/annuity plan, group life insurance, and liberal vacation and sick leave. Review of applications will begin on March 12, 2001. The position will remain open until filled. To apply: Send letter of application, professional vita, and the names, addresses, and phone numbers of four references to: Yolanda Cooper-Birdine, Libraries Human Resources Officer, Indiana University Libraries, Main Library 201A, Bloomington, IN 47405. Phone: (812) 855-8196; Fax: (812)-855-2576; e-mail: [ycooperb@indiana.edu](mailto:ycooperb@indiana.edu) <<mailto:ycooperb@indiana.edu>>. For further information, see the websites for the Indiana

University at <http://www.iub.edu>; the Geology Library at <http://www.indiana.edu/~libgeol/index.html>; or employment opportunities at the IUB Libraries at <http://www.indiana.edu/~libpers>. Indiana University is an affirmative action/equal opportunity employer.

**Associate Director,** Geospatial and Statistical Data Center, University of Virginia Library

The University of Virginia Library seeks an innovative and energetic individual to serve as Associate Director of the Geospatial and Statistical Data Center (Geostat). The Center supports expanding interest in accessing data for geographic and statistical analysis at the University. This position offers significant opportunity to participate in the development and advancement of services supporting numeric, geospatial, and other electronic information needs at the University of Virginia. The University and the Library have a strong commitment to achieving diversity among faculty and staff.

**Environment:** The University Library system consists of eleven libraries, with independent libraries for health sciences, law, and business. The Library serves 12,000 undergraduates, 6,000 graduate students and 1,600 teaching faculty, and is a Virginia Regional Library for the US Depository Program. The Library's homepage can be accessed at <http://www.lib.virginia.edu>. Thomas Jefferson's Academical Village and the historic Grounds provide an inspiring environment for teaching, learning, and research.

The Geospatial and Statistical Data Center is located in the Alderman Library, serving users in most major schools of the University, including Architecture, Arts and Sciences, Commerce, Education, and Engineering and Applied Science. Geostat staff serve the University community's teaching and research needs by identifying, acquiring, and providing assistance in the use of machine-readable data sets for geographic and statistical analysis. Geostat offers its services in a large public computing lab/classroom featuring two dozen PC workstations. The Center also houses a large map collection and serves as a resource for statistical information in print. Center employees work in a dynamic team environment and collaborate with others in the Library system to develop integrated digital library services and initiatives. The Geospatial and Statistical Data Center can be accessed on the web at <http://fisher.lib.virginia.edu>.

**Responsibilities Include:** Reports to the Director and assists in planning, coordinating and delivering services related to spatial and numeric data collections, including reference services and collection development; Assists individuals and groups in the use of numeric and spatial data resources and tools through Library reference services as well as more formalized classroom instruction; Participates in teams consisting of other Library and University staff to further the delivery of numeric and spatial data resources for teaching and research; Oversees day-to-day management of the public service computing lab and

classroom ; Supervises Programmer/Consultant staff (2); Is professionally active, both within the Library and nationally.

**Required Qualifications:** Master's degree or higher in a relevant field, with experience using numeric and/or spatial data resources in a research or educational setting; Extensive knowledge of computer software for statistical and/or geographic analysis, e.g., SAS, STATA, or SPSS or ArcView, ArcInfo or ERDAS; Ability to consult with and advise faculty, staff and students regarding the use of electronic data resources for teaching and research in a wide range of disciplines; Ability to excel as an instructor with excellent interpersonal, oral, and written communication skills; Creativity and evidence of ability to learn quickly; Strong user-centered service orientation; Commitment to diversity in the workplace and ability to serve a diverse user community; Commitment to professional growth and development; Supervisory experience desirable.

**Salary and Benefits:** Salary competitive, depending on qualifications. General faculty status. The University of Virginia offers excellent benefits, including 22 days of vacation and TIAA/CREF and other optional retirement plans. Review of applications will begin on June 15, 2001 and will continue until the position is filled. Send letter of application, resume, and names, addresses (including e-mail), and phone numbers of three references to: Mr. Alan Napier, Director of Library Human Resources, Alderman Library, University of Virginia, PO Box 400114, Charlottesville, VA 22904-4114. The University of Virginia is an Equal Opportunity/Affirmative Action employer. Minorities candidates are encouraged to apply.

#### **Head of Science and Technology Libraries, Syracuse University Library, Syracuse, NY**

Syracuse University Library seeks a creative individual with outstanding leadership, management, and organizational skills to direct the Science and Technology Libraries, one of six departments and programs within the Research and Information Services Division. The head of the Science and Technology Libraries plans, develops, implements, and administers programs and services that support the University's academic and research activities in the sciences. In addition, the successful candidate will play a key role in planning and implementing a major building expansion project that will result in the relocation of most science and technology collections and services from the Science and Technology Library and selected branch libraries to the main campus library (E. S. Bird Library). Reports to the Head of the Research and Information Services Division.

For complete position announcement see: [http://libwww.syr.edu/information/employment/scitech\\_head.htm](http://libwww.syr.edu/information/employment/scitech_head.htm)

#### **Government Documents/GIS Librarian, Shippensburg University of Shippensburg, Penn.**

Shippensburg University of Shippensburg, Pennsylvania

seeks a highly motivated, energetic academic librarian for a tenure-track faculty position in the Ezra Lehman Memorial Library beginning August 2001 or January 2002. This person is responsible for supervising the Government Documents Collection and developing the library's new GIS Center. Major responsibilities include: overseeing collection development, managing the public services of the U.S. Federal Depository publications, planning and implementing new GIS services, providing reference service, participating in library instruction, and active involvement in consortial programs and professional organizations.

**Required Qualifications:** The successful candidate must have an ALA-Accredited MLS, experience with government documents in an academic environment, and a working knowledge of integrated library systems. S/he must also have a high level of computer literacy, excellent oral and written communication skills, demonstrated organizational and supervisory skills, strong public service and team orientation, and the potential to excel as an instructor. A terminal degree in a related field is preferred. Other preferred qualifications include: knowledge of GIS services and experience with ArcView, knowledge of map librarianship, knowledge of Endeavor's Voyager System, and experience developing web pages.

Review of applications will begin May 15, 2001 and will continue until position is filled. A demonstration of teaching effectiveness is required as part of the on-campus interview. Applicants should submit a letter of application, professional vita, and the names, addresses, and telephone numbers of three work references to:

Barbara D. Rotz, Search Committee Chair,  
Ezra Lehman Memorial Library,  
Shippensburg University,  
1871 Old Main Drive,  
Shippensburg, PA 17257. Phone: 717-477-1466.

Submission via e-mail to [bdrotz@ship.edu](mailto:bdrotz@ship.edu) is acceptable. A detailed job description and additional information can be found at: <http://www.ship.edu/~library/jobdescription>.

Shippensburg University is an Equal Opportunity Employer.

#### **Department Head, Geology/Physics Library, University of Cincinnati, Cincinnati, OH**

University Libraries invites applications and nominations for the position of Department Head, Geology/Physics Library. This is a tenure-track faculty position that reports to the Division Head for Information Services.

**Environment:** The University of Cincinnati is a state-supported Research I institution recently cited as one of the nation's "Best Colleges for the Real World". The University is the second-largest comprehensive research institution in Ohio and has an enrollment of approximately 35,000 students, including 5,000 graduate students. The city of Cincinnati offers a variety of cultural amenities to faculty and students, including art museums, symphonies, jazz clubs,



opera, dance, repertory theater, a zoo, an aquarium and professional sports events.

University Libraries is comprised of a central library and ten college & departmental libraries. The collection exceeds 2.5 million volumes. UC is a member of OhioLINK, a consortium of Ohio's college and university libraries, which provides access to a 31-million volume statewide collection, and ninety-eight research databases. Additional information is available at <http://www.libraries.uc.edu/>. The Geology/Physics Library houses the diverse subject areas of earth sciences, classical and modern physics, and human and physical geography. The collections support both undergraduate and graduate degree programs in these areas. The Department Head cultivates and maintains strong working relationships with over 55 faculty in these three subject areas. In addition to supervising one FTE staff, the Department Head directs 1.5 FTE student assistants. The library website is <http://www.libraries.uc.edu/libinfo/geol-phys/home.html>

**Key Responsibilities:** Provide information and research support in a highly automated environment. Develop and deliver instructional services. Develop web content and prepare resource guides. Direct the Geology/Physics Library operations and lead and supervise staff. Collaborate with faculty, other librarians, and selectors from other OhioLINK institutions on collection development matters. Partner with library administration and others in seeking grants and external funding.

**Qualifications:**

*Required:*

- \* MLS from an ALA-accredited program
- \* Minimum of one year of professional library experience
- \* Skills in the use of a broad range of print and electronic resources and services
- \* Ability to develop and deliver subject-related instructional sessions
- \* Successful supervisory experience with commitment to mentoring, training, and staff development
- \* Strong commitment to innovative and responsive public service
- \* Demonstrated ability to work independently, collaboratively, and contribute positively to a collegial team environment
- \* Ability to facilitate and adapt to change.
- \* Superior interpersonal and communication skills
- \* Commitment to professional growth and development
- \* Ability and interest in fulfilling the university's requirements for tenure and promotion

*Desired:*

- \* Academic research library experience
- \* Undergraduate degree or advanced degree in relevant discipline
- \* Collection development experience with strong bibliographic verification skills
- \* Experience with map collections

- \* Experience with web development
- \* Teaching and training experience
- \* Knowledge of scientific literature and publishing trends

**Salary and Benefits:** Minimum salary is \$29,000, commensurate with qualifications and experience. Generous benefit package includes health care, retirement plan, 22 days of vacation, sick leave, 10 holidays, and tuition remission for self and immediate family.

**Application:** Send letter of application, resume, and the name, address, and phone number of three references to Priscilla Neill, Assistant University Librarian for Personnel, University of Cincinnati, PO Box 210033, Cincinnati OH 45221-0033 or fax to (513)556-0325. Review of applications will begin June 1, 2001 and continue until the position is filled.

UC is an EE/AA employer. Women, minorities, disabled persons, and Vietnam Era and disabled veterans are encouraged to apply.

**Physical Sciences Librarian**, Dartmouth College Library, Hanover, New Hampshire

The Dartmouth College Library seeks an energetic and creative information professional with a commitment to providing innovative services and collections to students and faculty in the physical sciences, mathematics and computer science.

**Responsibilities:** Reporting to the Head of Kresge Physical Sciences Library and Cook Mathematics Library, works as a member of a collaborative team providing information and collection services in a flexible, innovative and sophisticated information management environment; participates in the development of the Dartmouth Digital Library. Provides instruction in information research tools and techniques, on-site and electronic reference, consultation with faculty to determine instructional and research interests, and collection management and development of print and digital materials in selected areas of the physical sciences, mathematics and computer science. Works closely with faculty, undergraduate and graduate students in these subject areas. Develops print and electronic research guides; contributes content and design for the Library Web pages. Participates in library initiatives in the sciences, including planning for resources, services, facilities, and special projects.

**Qualifications:** ALA/MLS; educational background in the physical or mathematical sciences; experience in an academic or research environment preferred. The successful candidate will have the ability to work collegially in small group and team environments; science reference, instruction, and information access skills; knowledge of the scientific literature in all formats; experience with current digital collections tools for providing Web-based information resources and services; familiarity with networked information systems and resources in multi-platform environments.

Rank & Salary: Commensurate with education and experience. Minimum salary: \$42,000 (Librarian III); \$36,000 (Librarian II); \$32,000 (Librarian I) plus a comprehensive benefits package and relocation assistance.

Dartmouth College Information: The Dartmouth College Library is an ARL library, participating in national and regional endeavors and organizations, such as SPARC, JSTOR, and NERL (Northeast Research Libraries Consortium). Dartmouth College offers a lively, intimate university environment with the benefits of rich cultural offerings in a lovely rural setting, within 2-3 hours' drive of

both Boston and Montreal. For more information, consult <http://www.dartmouth.edu> and <http://www.dartmouth.edu/~krescook/home.shtml>

Application: Review of applications will begin 1 August 2001; applications will be considered until the position is filled. Send resumes to:

Search Committee for Physical Sciences Librarian  
Dartmouth College Library  
6025 Baker-Berry Library  
Hanover, NH 03755-3525

Dartmouth College is an AA, EEO, M/F employer.

### **Earth and Mineral Sciences Library Receives Million-dollar Endowment, New Name**

Penn State's Earth and Mineral Sciences Library will benefit from a \$1 million endowment created by University alumni George and Sherry Petska Middlemas to support acquisitions and enhance programming.

The donors are longtime supporters of the University Libraries. Penn State will name the library, in recognition of the Middlemas' generous support, the Fletcher L. Byrom Earth and Mineral Sciences Library. "Fletch" Byrom served as a mentor to George Middlemas, and the naming came at the donors' request.

## GIS PUBLICATIONS LIST

**Proceedings of the Annual GIS Meetings** (ISSN 0072- 1409) \$45.00 each; standing orders are \$45.00 per year.

(Proceedings volumes 1 through 25 are out of print and available from: Out-of-print Books on Demand, University Microfilms, Inc., 300 North Zeeb Road, Ann Arbor, Michigan 48106.)

--v. 30, 2000, *Communication Divides: Perspectives on Supporting Information Bridges in the Geosciences*, ed. by Lois Heiser, (ISBN0-934485-32-1)

--v. 29, 1999 *Accreting the Continent's Collections*, ed. by C. R. M. Derksen and C. J. Manson, (ISBN 0-934485- 31-3)

--v. 28, 1998 *The Costs and Values of Geoscience Information*, ed. by C. J. Manson. (ISBN 0-934485- 29-1)

--v. 27, 1997 *Expanding Boundaries: Geoscience Information for Earth System Science*, ed. by B. J. DeFelice. (ISBN 0-934485-23-2)

v. 26, 1996 *Crossing the Bridge to the Future: Managing Geoscience Information in the Next Decade*, ed. by N. L. Blair. (ISBN 0-934485-26-7)

### **Proceedings of the International Geoscience Information Conferences**

6th, 1998 *Science Editing and Information Management*, Proceedings of the Second International AESE/CBE/ EASE Joint Meeting, Sixth International Conference on Geoscience Information, and Thirty-second Annual Meeting, Association of Earth Science Editors, ed. by Connie J. Manson. (ISBN 0-934485-30-5) \$ 25.00

5th, 1994 *Geoinfo V, Proceedings of the 5th International Conference on Geoscience Information*, ed. by Jiri Hruska. (ISBN 0-934485-27-5) \$ 45.00 (2 vols.)

**Directory of Geoscience Libraries, North America.** 5th Edition, 1997.(ISBN 0-934485-25-9) Paper. \$ 35.00

**GIS Newsletter** (ISSN 0046-5801) published bimonthly; calendar year subscriptions only. United States and Canada \$ 40.00; other countries (via airmail) \$ 45.00

**Mailing labels:** Geoscience Information Society member mailing labels: Single use labels \$ 100.00.

Send orders to: Elizabeth Wallace

Science & Technology Libraries,

Syracuse University Library,

Syracuse, New York 13244-2010

phone: 315/443-2160; fax: 315/443-5549; e-mail: eawallac@library.syr.edu

Payment must be made in U.S. dollars.



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# newsletter

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